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**FAX NO.:** 8.1.571.273.8300**DATE:** December 11, 2007**FROM:** J. Paul Plummer**Fax No.** (713) 431-4664**RE:** US 10/564,708**Our Ref:** 2003UR020**TOTAL NUMBER OF PAGES TRANSMITTED:**  
(INCLUDING THIS COVER PAGE)**15 pages**

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P.02

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total number of pages in this submission

Application Number	10/564,708
Filing Date	January 13, 2006
First Named Inventor	Christine E. Krohn
Group Art Unit	3663
Examiner Name	Scott A. Hughes
Attorney Docket Number	2003UR020

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
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Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm or Individual Name	J. Paul Plummer, Reg. No. 40,775 ExxonMobil Upstream Research Company
Signature	
Date	11 December 2007

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Date	11 December 2007	

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :	10/564,708	Confirmation No.: 1580
Applicant :	Christine E. Krohn	
Filed :	January 13, 2006	
TC/Art Unit :	3663	
Examiner :	Scott A. Hughes	
Docket No.	2003UR020	

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

*Via Facsimile: 81.571.273.8300*

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

This communication is in response to the Office Action mailed October 25, 2007 concerning the above identified patent application.

**Remarks** begin on page 2 of this paper;

**Amendments to the Claims** begins on page 6 of this paper;

**Conclusion** begins on page 14 of this paper.